

File 347:JAPIO Oct 1976-2003/Jun(Updated 031006)

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File 350:Derwent WPIX 1963-2003/UD,UM &UP=200363

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Set	Items	Description
S1	18	FALSE??(3N) (CLAUSE? ? OR PREDICATE? ? OR STATEMENT? ?)
S2	249997	(SELECT OR SELECT() INTO OR WHERE OR GROUP) (5W) (0 OR ZERO OR 1 OR ONE)
S3	1	S1(5N) (REPLAC? OR SUBSTITUT? OR CHANG??? OR CONVERT? OR CO- NVERSION? ? OR EXCHANG?)
S4	12119	S2(5N) (REPLAC? OR SUBSTITUT? OR CHANG??? OR CONVERT? OR CO- NVERSION? ? OR EXCHANG?)
S5	123072	QUERY??? OR QUERIE? ? OR SQL OR DATABASE? ? OR DATA()BASE? ?
S6	1334	METADATA OR META()DATA
S7	31	S4 AND S5

7/5/1 (Item 1 from file: 347)  
DIALOG(R)File 347:JAPIO  
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07116598 \*\*Image available\*\*  
METHOD AND SYSTEM FOR CENSUS REGISTER INFORMATION RETRIEVAL USING  
FUNDAMENTAL CHARACTER CONVERSION TABLE

PUB. NO.: 2001-344266 [JP 2001344266 A]  
PUBLISHED: December 14, 2001 (20011214)  
INVENTOR(s): SUMIYOSHI KAZUYUKI  
APPLICANT(s): NEC CORP  
APPL. NO.: 2000-167059 [JP 2000167059]  
FILED: June 05, 2000 (20000605)  
INTL CLASS: G06F-017/30; G06F-017/60

#### ABSTRACT

PROBLEM TO BE SOLVED: To increase the retrieval speed and to reduce the work burden on operator.

SOLUTION: A fundamental character **conversion** table 3 **where one** KANJI (Chinese character) character and one fundamental KANJI character are made correspond to each other and a census register **database** 4 where KANJI names for retrieval are held as data besides KANJI names are provided, and census register data is retrieved by simple and plain KANJI on the basis of plain KANJI names for retrieval generated by using the fundamental character conversion table 3. When data are registered, a census register information processing part 1 uses the fundamental character KANJI table 3 and converts individual characters of a KANJI name into fundamental KANJI characters to generate a KANJI name for retrieval and registers it in the census register **database** 4. At the time of retrieval, the fundamental character conversion table 3 is used to convert individual retrieval characters inputted from a terminal device 2 to fundamental KANJI characters, and they are collated with KANJI names for retrieval registered in the census register **database** 3.

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7/5/2 (Item 2 from file: 347)  
DIALOG(R)File 347:JAPIO  
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06996485 \*\*Image available\*\*  
NETWORK INFORMATION NOTICE METHOD AND SYSTEM TO MOBILE TERMINAL

PUB. NO.: 2001-224065 [JP 2001224065 A]  
PUBLISHED: August 17, 2001 (20010817)  
INVENTOR(s): MIZUNO MASATAKA  
APPLICANT(s): KANSAI NIPPON DENKI TSUSHIN SYSTEM KK  
APPL. NO.: 2000-030716 [JP 200030716]  
FILED: February 08, 2000 (20000208)  
INTL CLASS: H04Q-007/38; H04M-003/00; H04M-003/36

#### ABSTRACT

PROBLEM TO BE SOLVED: To solve problems that a conventional network information notice system supplies only network information to a caller by voice announcement when a speech of a mobile subscriber is disabled due to congestion, restriction or a failure or the like and imposes much load onto a mobile exchange system when many redialing calls take place because a channel resource for a speech is used in waste.

SOLUTION: The network information notice system to mobile terminals is provided with each mobile terminal 1 adaptive to packet communication having a character/ image display function, a base station 2 in an area at a position **where** the mobile terminal 1 makes a call, a mobile **exchange** station 3 provided with a function for starting service to a packet communication server 5, another network exchange station 4 that is placed

in other mobile public network different from the mobile exchange station receiving a call request, the packet communication server 5 that converts various protocol formats able to be displayed on the mobile terminal 1 through the service start from the mobile exchange station 3 and provides information to a packet communication network, and a network operation management center **database** 6 to grasp the operation management state of networks interconnected with each other.

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7/5/3 (Item 3 from file: 347)

DIALOG(R)File 347:JAPIO

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06451401 \*\*Image available\*\*

METHOD FOR SETTING NETWORK **DATABASE**

PUB. NO.: 2000-036973 [JP 2000036973 A]

PUBLISHED: February 02, 2000 (20000202)

INVENTOR(s): LENNERT JOSEPH FRANCIS

MAHANEY ROWENA F

MAHANEY WILLIAM T

ZAWISKI CURT R

APPLICANT(s): LUCENT TECHNOL INC

APPL. NO.: 11-095762 [JP 9995762]

FILED: April 02, 1999 (19990402)

PRIORITY: 54329 [US 9854329], US (United States of America), April 02, 1998 (19980402)

INTL CLASS: H04Q-003/545; G06F-009/445; G06F-012/00; H04M-003/00; H04Q-003/76

#### ABSTRACT

PROBLEM TO BE SOLVED: To automate manual data input by retrieving an original **database** relating to a data field of an exchange base service, selecting exchange base data, copying the exchange base data from original data to the new **database** and making subscriber data coincident with the exchange base data in the new **database**.

SOLUTION: A list of setting a hardware exchange module is obtained from a selected original **database** or 'base and control'. A computer program displays all settings selected from the original **database** so as to allow the user to manually **select** respective **exchange** modules S.M. 1-S.M.n:46-54. A menu type screen indicates selectable exchange modules S.M.1-S.M.n:46-54. The computer program copies or error-checks exchange module setting selected by the user to a target **database** or 'base control'.

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7/5/14 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014930952

WPI Acc No: 2002-751661/200282

XRPX Acc No: N02-591937

**Intelligent data check system and method of mobile telephone**

Patent Assignee: YINGYEDA GROUP ELECTRONIC TECHNOLOGY CO (YING-N)

Inventor: CAI S; ZHANG L

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
CN 1361619	A	20020731	CN 2000135186	A	20001226	200282 B

Priority Applications (No Type Date): CN 2000135186 A 20001226

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
CN 1361619 A H04M-011/00

Abstract (Basic): CN 1361619 A

NOVELTY - The present invention is one kind of intelligent data check system and method of mobile telephone. In one embodiment, when some data is input by the user, the data is stored in **database** by combining the personal name and company name. In subsequent check, some key value is input via keyboard and the check result is displayed after some **conversion**, so that the user can **select one** telephone number from the **database** record to dial.

DwgNo 0/0

Title Terms: INTELLIGENCE; DATA; CHECK; SYSTEM; METHOD; MOBILE; TELEPHONE

Derwent Class: T01; W01

International Patent Class (Main): H04M-011/00

File Segment: EPI

7/5/20 (Item 11 from file: 350)

DIALOG(R) File 350: Derwent WPIX

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014080325 \*\*Image available\*\*

WPI Acc No: 2001-564539/200163

Related WPI Acc No: 1999-610508

XRPX Acc No: N01-420237

**Database changes, method/apparatus for reapplying comprises of a recovery log to record all changes applied in order to reapply during recovery with any change written to storage updates recovery log**

Patent Assignee: ORACLE CORP (ORAC-N)

Inventor: JOHNSON M H; OBERMARCK R

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6292808	B1	20010918	US 96768717	A	19961218	200163 B
			US 98205830	A	19981203	

Priority Applications (No Type Date): US 96768717 A 19961218; US 98205830 A 19981203

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

US 6292808 B1 16 G06F-017/30 Cont of application US 96768717

Cont of patent US 5974425

Abstract (Basic): US 6292808 B1

NOVELTY - The system comprises of method to reapply changes stored in recovery log (106) in non-volatile memory (105) to **database** during recovery that is updated following any write to storage device indicating any change. Data is sorted by file ID, data block ID, record type and version ID. System involves updating log for new changes to **database** or previous changes written to disk, sorting log during recovery to minimize time required to reapply changes not recorded

DETAILED DESCRIPTION - Also included are INDEPENDENT CLAIMS for the apparatus employed to implement the method used by the invention to reapply **changes where** it involves **one** or more processors involving one or more sequences or instructions. Also for the computer-readable medium used to store the necessary software required by the preferred invention.

USE - The invention provides method and apparatus for reapplying changes to a **database** upon system recovery

ADVANTAGE - The present invention offers a recovery method and apparatus to further reduce **database** recovery time following a system or hardware failure.

DESCRIPTION OF DRAWING(S) - The drawing shows a block diagram of a system incorporating a recovery log as proposed by the preferred invention.

Non-volatile memory (105)

Recovery log (106)

pp; 16 DwgNo 1/6  
Title Terms: **DATABASE** ; CHANGE; METHOD; APPARATUS; COMPRISE; RECOVER; LOG;  
RECORD; CHANGE; APPLY; ORDER; REAPPLICATION; RECOVER; CHANGE; WRITING;  
STORAGE; UPDATE; RECOVER; LOG  
Derwent Class: T01  
International Patent Class (Main): G06F-017/30  
File Segment: EPI

7/5/24 (Item 15 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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011288098 \*\*Image available\*\*  
WPI Acc No: 1997-266003/199724  
XRPX Acc No: N97-220304

**High speed colour conversion method for colour image system in  
photography, newspaper industry - involves performing colour conversion  
of pixels falling under difference ranges of sizes separately and then  
integrating to entire small area of display image**

Patent Assignee: FUJITSU LTD (FUIT )  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 9093447	A	19970404	JP 95246237	A	19950925	199724 B

Priority Applications (No Type Date): JP 95246237 A 19950925

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 9093447	A		11	H04N-001/60	

Abstract (Basic): JP 9093447 A

The method involves dividing a display image in a display memory  
(2) in a display memory (2) into 2m number of small areas, **where** m >  
0 . Colour **conversion** of the pixels that have size in the range of  
20x20 is done, for a particular categorised small area and then it is  
integrated to the entire small area.

Then, excluding the pixels under the size range 20x20, colour  
conversion of pixels falling under category of 21x21 size is performed  
in a similar manner. Similarly, colour conversion of the pixels in the  
size range of 22x22 is performed, excluding the pixels of 21x21 size  
range. Thus, colour conversion of the entire image data stored in an  
image **database** (1) is performed.

USE/ADVANTAGE - For designing purposes. Provides high speed colour  
conversion process. Shortens waiting time, sharply. Reduces processing  
time.

Dwg.1/6

Title Terms: HIGH; SPEED; COLOUR; CONVERT; METHOD; COLOUR; IMAGE; SYSTEM;  
PHOTOGRAPH; NEWSPAPER; INDUSTRIAL; PERFORMANCE; COLOUR; CONVERT; PIXEL;  
FALL; DIFFER; RANGE; SIZE; SEPARATE; INTEGRATE; AREA; DISPLAY; IMAGE  
Index Terms/Additional Words: COLOUR; INKJET; PRINTER  
Derwent Class: P75; P85; T01; W02  
International Patent Class (Main): H04N-001/60  
International Patent Class (Additional): B41J-002/525; G06T-001/00;  
G09G-005/00; G09G-005/02; G09G-005/36; H04N-001/46  
File Segment: EPI; EngPI

7/5/25 (Item 16 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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010468264  
WPI Acc No: 1995-369583/199548

**Database re-composition method - involves making operation of  
application program counter continue by changing contents of data and  
size of column position on memory device and access routine separately**  
Patent Assignee: NIPPON TELEGRAPH & TELEPHONE CORP (NITE )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 7244603	A	19950919	JP 9433458	A	19940303	199548 B

Priority Applications (No Type Date): JP 9433458 A 19940303

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 7244603	A		6 G06F-012/00	

Abstract (Basic): JP 7244603 A

The **database** re-composition method performs data generation transformation using an abstract data access routine (202). The real data access program (204) performs data access during system operation. During system operation, **database** transformation takes place in a column of a record specified by the program counter.

When data transformation takes place, the abstract data access routine and user **select** routine performs either both or **one** of the data access and **conversion** routine according to the demand of the application program counter. The change in contents of data in memory column specified by the PC and the change in size of column and access routine are done separately.

ADVANTAGE - Eliminates discontinuation of operating system during re-composition. Improves processing rate of operating system. Eliminates need for reserve system during data re-composition processing.

Dwg.2/7

Title Terms: **DATABASE** ; COMPOSITION; METHOD; OPERATE; APPLY; PROGRAM; COUNTER; CONTINUE; CHANGE; CONTENT; DATA; SIZE; COLUMN; POSITION; MEMORY; DEVICE; ACCESS; ROUTINE; SEPARATE

Derwent Class: T01

International Patent Class (Main): G06F-012/00

File Segment: EPI

7/5/27 (Item 18 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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009665597 \*\*Image available\*\*

WPI Acc No: 1993-359148/199345

XRFX Acc No: N93-277236

**Associative memory for statistical analysis - exhibits fast subtractive and comparison handling in broken-down groups**

Patent Assignee: MOSC AVIATION ENG INST (MOAV-R)

Inventor: KISHENSKII S ZH; KREKER A YA; KUZMIN A L

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
SU 1774377	A1	19921107	SU 4791446	A	19900213	199345 B

Priority Applications (No Type Date): SU 4791446 A 19900213

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
SU 1774377	A1		5 G11C-015/00	

Abstract (Basic): SU 1774377 A

Various input function values are fed into the **group** of data registers ( 1 ). These then pass D-A **converters** (2) and as analogue values go through K stages (3) of sorting; then K-1 subtractors (4) and K-1 comparators (5).

Against the compared values are fed in **queries** (8) through registers (6) and D-A converter (7), concluding a fast operation.

USE/ADVANTAGE - The memory system is devised for analysis of statistically different parameters in automatic control and monitoring systems, exhibiting increased response.

Bul.41/7.11.92

Dwg.1/3

Title Terms: ASSOCIATE; MEMORY; STATISTICAL; ANALYSE; EXHIBIT; FAST;  
SUBTRACT; COMPARE; HANDLE; BREAK; DOWN; GROUP  
Derwent Class: U14  
International Patent Class (Main): G11C-015/00  
File Segment: EPI

7/5/30 (Item 21 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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007865045

WPI Acc No: 1989-130157/198917

XPX Acc No: N89-099191

**Relational database management system - replaces entitles stored in database with coded identifiers so that each relational entity can reference another entity**

Patent Assignee: NUCLEUS INT CORP (NUCL-N)

Inventor: CALDWELL D W

Number of Countries: 012 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 8903567	A	19890420	WO 88US3477	A	19881006	198917 B
AU 8827223	A	19890502				198932

Priority Applications (No Type Date): US 88237702 A 19880826; US 87107435 A 19871009

Cited Patents: 2.Jnl.Ref; US 4631673

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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WO 8903567	A	E 43		
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Designated States (National): AU JP

Designated States (Regional): AT BE CH DE FR GB IT LU NL SE

Abstract (Basic): WO 8903567 A

The technique uses a computer to represent a relational **database** using identifiers. Entities stored in the **database** are replaced in the relations with coded identifiers (270,285). The relational **database** comprises several relations comprising one or more columns and rows, each column having one or more values, each value having a common characteristic. Each value of column corresponds to one of the rows. Each row comprises one or more values, each value being for a different column. The technique of representation consists of carrying out the steps as follows. For each characteristic of **database** form a set of unique values having the same characteristic in a predetermined order of occurrence, replacing each value of each column with an identifier indicating the position of the value within the associated set and forming an identifier for indicating a row of values then replacing one or more values of the row with the associated identifier when one or more value is contained in a different row of the same or different relation.

USE/ADVANTAGE - Extending use of identifiers so that each relational entity of relation may reference another of same or different relation. **Group** of related entities in **one** row of relation may be **replaced** by identifier in all other relations in which same entities are grouped in row. Identifiers replace entities in all related **database** operations.

7/13

Title Terms: RELATED; **DATABASE** ; MANAGEMENT; SYSTEM; REPLACE; STORAGE;  
**DATABASE** ; CODE; IDENTIFY; SO; RELATED; ENTITY; CAN; REFERENCE; ENTITY  
Derwent Class: T01  
International Patent Class (Additional): G06F-015/40  
File Segment: EPI

7/5/31 (Item 22 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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007742640    \*\*Image available\*\*

WPI Acc No: 1989-007752/198901

XRFX Acc No: N89-005771

**Inter-exchange carrier access selection method for PBX - having access  
code data associated with inter-exchange carrier and authorisation code  
read from data base**

Patent Assignee: AMERICAN TELEPHONE & TELEGRAPH CO (AMTT )

Inventor: BOGART F J; MODISSETT N K

Number of Countries: 002    Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 4791665	A	19881213	US 879174	A	19870130	198901 B
CA 1296414	C	19920225				199214

Priority Applications (No Type Date): US 879174 A 19870130

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 4791665	A		10		

Abstract (Basic): US 4791665 A

The communications method involves scanning a **database** in a telephone communication system in response to a calling party at a calling station dialing a called party number on an inter **exchange** call origination to **select one** of the inter **exchange** carriers to serve the call origination. Access code data associated with the one of the inter -exchange carriers and user authorisation code associated with the telephone communication system are retrieved from the **database** .

A call connection via the telephone central office from the calling party to the selected one of the inter-exchanges carrier is completed using the dialled number and the access code and the user authorisation code.

USE - Telephone communication system

Title Terms: INTER; EXCHANGE; CARRY; ACCESS; SELECT; METHOD; PBX; ACCESS;  
CODE; DATA; ASSOCIATE; INTER; EXCHANGE; CARRY; AUTHORISE; CODE; READ;  
DATA; BASE

Index Terms/Additional Words: TELEPHONE

Derwent Class: W01

International Patent Class (Additional): H04M-003/38; H04M-007/14

File Segment: EPI